

PUB-NO: DE019542069A1  
DOCUMENT-  
IDENTIFIER: DE 19542069 A1

TITLE: Water-proof moulded component of water:glass-bonded  
silicate mineral

PUBN-DATE: May 15, 1996

INVENTOR-INFORMATION:

NAME	COUNTRY
HORCH, GUENTER	DE
SCHULTE, GUENTER	DE

ASSIGNEE-INFORMATION:

NAME	COUNTRY
PAFAMAX BRANDSCHUTZTECH GMBH	DE

APPL-NO: DE19542069

APPL-DATE: November 11, 1995

PRIORITY- DE19542069A (November 11, 1995) , DE09418205U (November  
DATA: 12, 1994)

INT-CL C04B041/64 , C04B038/08 , C04B028/26 , C04B014/06 ,  
(IPC): E04B001/94

EUR-CL C04B028/26 , C04B041/49 , C04B041/64 , E04B001/94 ,  
(EPC): E04B001/94 , F16L009/22

ABSTRACT:

CHG DATE=19990617 STATUS=O>A component, in the form of a cast, injection moulded or pressed part of non-combustible material consisting of waterglass-bonded granular silicate-contg. mineral, is treated with a silicone-contg. water-proofing agent. Pref. the mineral is (esp. expanded) vermiculite and the material is enriched with fine grained (esp. micro-fine) silica. Also claimed is prodn. of the above component by pressing a mixt. of the mineral and a

waterglass soln. to obtain a moulding, drying by heating, cooling,  
dipping in a water-proofing agent soln. and then allowing to dry.